

Title (en)

SPRAYING ARM ASSEMBLY OF DISH WASHER AND DISH WASHER HAVING SAME

Title (de)

SPRÜHARMANORDNUNG EINER GESCHIRRSPÜLMASCHINE UND GESCHIRRSPÜLMASCHINE DAMIT

Title (fr)

ENSEMBLE BRAS DE PULVÉRISATION DE LAVE-VAISSELLE ET LAVE-VAISSELLE COMPRENANT CELUI-CI

Publication

EP 3384821 B1 20220202 (EN)

Application

EP 15909499 A 20151201

Priority

CN 2015096165 W 20151201

Abstract (en)

[origin: EP3384821A1] A spraying assembly for a dish washing machine is provided. The spraying assembly includes: a bottom shell (10), a spraying seat (20), a sprayer (30) and an actuator (40). A water storage chamber (11) is formed in the bottom shell (10), and the bottom shell (10) is provided with a water inlet (12) communicated with the water storage chamber (11). The spraying seat (20) is rotatably arranged to the bottom shell (10), and is provided with a water input passage (21) communicated with the water storage chamber (11). The sprayer (30) is provided with at least one spraying arm. The sprayer (30) is rotatably arranged to the spraying seat (20) and a rotation center of the sprayer (30) is eccentrically arranged with respect to a rotation center of the spraying seat (20). The sprayer (30) is provided with a plurality of spraying orifices (311), and each spraying orifice (311) is communicated with the water input passage (21). The actuator (40) is connected to the sprayer (30) and the spraying seat (20) respectively to drive the sprayer (30) and the spraying seat (20) to rotate around their respective rotation centers. Each spraying orifice (311) in the sprayer (30) of the spraying assembly for the dish washing machine has an epicycloid motion track, so that a spray-wash region is substantially quadrate, and therefore a washing area of the spraying assembly is enlarged. Further, a dish washing machine having the spraying assembly is provided.

IPC 8 full level

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CPC (source: EP US)

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